

In the Claims:

Please amend the claims as follows:

1. (Original) A cylinder head having a cooling water pipe inside, wherein the cooling water pipe is inserted and has outlet openings respectively placed in a position around a fuel injection nozzle and in a position between ports.
2. (Original) The cylinder head as defined in claim 1, wherein the cooling water pipe extends from an inlet opening to the outlet opening without passing through a valve seat.
3. (Original) The cylinder head as defined in claim 1, wherein the cooling water pipe is made of aluminum.
4. (New) The cylinder head as defined in claim 3, wherein material of the cylinder head is aluminum alloy.
5. (New) The cylinder head as defined in claim 1, wherein the cylinder head has one cooling water pipe per cylinder.
6. (New) The cylinder head as defined in claim 5, wherein the cooling water pipe comprises one section extending from one side of the cylinder head to a position near the fuel injection nozzle, and another section extending from another side of the cylinder head to a position near the fuel injection nozzle,
the one section has one inlet opening for introducing cooling water at its end located in the one side of the cylinder head, and has one first outlet opening for discharging the cooling water to the position around the fuel injection nozzle and one second outlet opening for discharging the cooling water to the position between the ports at its end located near the fuel injection nozzle, and
the another section has another inlet opening for introducing the cooling water at its end located in the another side of the cylinder head, and has another

first outlet opening for discharging the cooling water to the position around the fuel injection nozzle and another second outlet opening for discharging the cooling water to the position between the ports at its end located near the fuel injection nozzle.

7. (New) The cylinder head as defined in claim 6, wherein the one second outlet opening and the another second outlet opening are integrally formed with each other, and the one first outlet opening and the another first outlet opening are separately formed from each other.

8. (New) The cylinder head as defined in claim 6, wherein four ports are provided per cylinder and are arranged such that each of the ports is in each corner of square, the fuel injection nozzle is placed in an approximate middle position of the four ports, the one section of the cooling water pipe is placed between two ports among the four ports, and the another section of the cooling water pipe is placed between another two ports among the four ports.

9. (New) The cylinder head as defined in claim 6, wherein the ends of the one section and the another section of the water cooling pipe which are located near the fuel injection nozzle are formed such that they generally surrounds the fuel injection nozzle.

10. (New) A cylinder head comprising:

four ports arranged such that each of the ports is in each corner of square;

a fuel injection nozzle placed in an approximate middle position of the four ports; and

a cooling water pipe having outlet openings respectively placed in a position around a fuel injection nozzle and in a position between the ports:

wherein the cooling water pipe comprises one section extending from one side of the cylinder head to a position near the fuel injection nozzle through a position between two ports among the four ports, and another section extending

from another side of the cylinder head to a position near the fuel injection nozzle through a position between another two ports among the four ports,

the one section has one inlet opening for introducing cooling water at its end located in the one side of the cylinder head, and has one first outlet opening for discharging the cooling water to the position around the fuel injection nozzle and one second outlet opening for discharging the cooling water to the position between the ports at its end located near the fuel injection nozzle, and

the another section has another inlet opening for introducing the cooling water at its end located in the another side of the cylinder head, and has another first outlet opening for discharging the cooling water to the position around the fuel injection nozzle and another second outlet opening for discharging the cooling water to the position between the ports at its end located near the fuel injection nozzle.

11. (New) The cylinder head as defined in claim 10, wherein the one second outlet opening and the another second outlet opening are integrally formed with each other, and the one first outlet opening and the another first outlet opening are separately formed from each other.

12. (New) The cylinder head as defined in claim 11, wherein the ends of the one section and the another section of the water cooling pipe which are located near the fuel injection nozzle are formed such that they generally surrounds the fuel injection nozzle.

13. (New) The cylinder head as defined in claim 12, wherein a position of the one inlet opening of the one section and a position of the another inlet opening of the another section are differ from each other in a longitudinal direction of the cylinder head.